

ISPOCRYL 4

Acrylic adhesive for laying PVC floorings on absorbent cement substrates

DESCRIPTION

Highly workable water emulsion acrylic adhesive suitable for laying homogeneous and non-homogeneous PVC floorings in sheets or tiles, foam backed PVC, semi-flexible vinyl and PVC backed cork floorings, and carpets and needle felt flooring on absorbent substrates.

For professional use only. Indoor use.

- High initial grab
- High final strength
- Short open time
- Very easy to spread
- Very easy to spread
- Excellent adhesion properties
- Flexible film

TECHNICAL DATA

Chemical base	Acrylic resins in water dispersion
Aspect	Thick paste
Colour	Off-white
Specific gravity	1,28 g /cm ³
Solids	75%
Viscosity	130.000 – 160..000 mPA.S (7rotor – 2RPM)
Pot life	Approx. 60'
Application	With notched trowel TKB A1 – TKB A2
Consumption	300-500 gr/sqm according to use
Working Temperature	Not less than + 10°C/ 50° F at floor level
Shear strength	>3N/mm (DIN EN 14 293 storage b)
Working time	Approx. 60'
Set to foot traffic	Approx. 4 hours depending on room temperature
Final strength	Approx. after 48-72 hours
Cleaning	Immediately after use with water
Storage	12 months in unopened packaging
Storage temperature	Between +5°C and +25°C
Safety instructions	None
Packaging	Plastic pail
Pack size	24 kg - 5kg
GISCODE	D1



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SUBSTRATE PREPARATION

The substrate must be sound, level, dry, free from cracks, clean and free from materials would impair adhesion. Before embarking on any work individual substrates should be evaluated. Inspect the concrete and remove loose or soft concrete, separating agents, loose residues of adhesive, smoothing compounds, coverings or coatings by brushing, abrading, grinding. Cement and calcium sulfate-screeds must be sanded (grain 16) and vacuumed. Thoroughly vacuum off any loose material and dust. On non-absorbent or moisture-sensitive substrates, such as new mastic asphalt, new calcium sulfate screeds apply smoothing compound to a minimum thickness of 2-3 mm. Allow primers and smoothing compounds to dry thoroughly. Damp substrates can lead to emissions and odours. Therefore only install on fully dried substrates.

INSTRUCTION FOR USAGE

Before use, allow canisters to come to room temperature. Apply the adhesive with the suitable notched trowel and leave an open time according to the application quantity, climate conditions, substrate absorbency and type of covering. Only apply as much adhesive as can be covered within the working time. It is important that a sufficient quantity of adhesive is applied to transfer onto the carpet back when this is pressed into position. Lay in covering and rub it down to ensure good wetting of the back. For very thin wall coverings make sure that the smoothing eliminates all ridges that would otherwise be visible on the surface. Remove fresh adhesive contaminations with warm water, while dried up adhesive has to be removed with Ethyl Acetate.

Suitable for under heated floors

OTHER INFORMATION

The following standards are applicable and recommended:

DIN 18365 "Working with floor floorings"

TKB publication "Assessment and preparation of substrates for floor covering and wood flooring installations"

BEB publication "Assessment and preparation of substrates."

The installation conditions are +23°/73° F and 50% relative humidity. Do not apply ISPOCRYL 4 at temperature below + 10°C/50°F, at temperature of the substrate below +15°C/59°F and at relative humidity above 75%. Do not store in direct sunlight. Do not use for adhering rubber flooring. Do not use on non absorbent substrates to adhere non-breathable material. Before bonding, floor coverings must be acclimatized and matched to the climate conditions to which it will be exposed during use. Protect from frost during shipping and storage. Low temperature and high humidity lengthen, whilst high temperatures and low humidity shorten the drying time. Opened canister has to be used as quickly as possible. Before bonding, wall coverings must be sufficiently destressed, acclimatized and adapted to the room climatic conditions usual for later use. Surfaces sensitive to humidity must be treated according to the instructions of the producer. For further information please send an email to info@ispo-group.com

SAFETY INSTRUCTIONS

Before embarking on any work ensure you are supplied with the Relevant Safety Data Sheet and have read carefully the following information.

DISPOSAL

Dispose in accordance with federal, state, and local regulations. Do not allow dispersal into drains, sewers or ground. Use barrier cream, protective gloves and safety-goggles. Provide good ventilation. For further information please send an e-mail to info@ispo-group.com

WARRANTY STATEMENT

This leaflet is for general guidance only and may contain inappropriate information under particular conditions of use. The company cannot accept any responsibility for loss or damage that may result from the use of this information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm the suitability of this product by their own tests. This Technical Information supersedes all other application data sheets and product information published before mc 09.11.